Putative Beta-Glucosidase 6 (BGLU6) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative beta-glucosidase 6 (BGLU6), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Putative beta-glucosidase 6 (BGLU6)
Product Gene Name	BGLU6 recombinant protein
Product Synonym Gene Name	BGLU6
Sequence	SDVFSRCDFP EGFVFGSSTS AYQWEGAVAE DGRKPSVWDR FCHSHNNQGN GDITCDGYHK YKEDVKLMVD TNLDAFRFSI SWSRLIPNRR GPVNQKGLQF YKNLIQELVN HGIEPYVTLH HFDHPQYLED EYEGWLNHMI VEDFTAYADV CFREFGNHVK FWTTINEGNI FSIGGYNDGD SPPGRCSIPG QNCLLGNSST EPYIVGHNLL LAHASVSRLY KQNYKDKQGG SIGFSILTIG FSPSTSSKDD AIATQRANDF FNGWMLGPLI YGDYPDTMKR IVGSRMPVFS EEESEQVKGS SDYIGINHYL AASITNSKLK PSISGNPDFY SDMNVILSFF ANFSSSEYDV APWAIEAVL
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	42,587 Da
Sequence Positions	21-379, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q682B4
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for BGLU6 recombinant protein	MBS1326455 is a recombinant protein targeting BGLU6. Also known as Recombinant Arabidopsis thaliana Putative beta-glucosidase 6 (BGLU6). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of BGLU6 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for BGLU6. It may not necessarily be applicable to this product.

NCBI GI #	334183445
NCBI GeneID	3767579
NCBI Accession #	NP_176233.2
UniProt Primary Accession #	Q682B4

UniProt Secondary Accession #	O80750
UniProt Related Accession #	Q682B4
GenBank Nucleotide #	NM_104717.3
NCBI Official Full Name	beta glucosidase 6
NCBI Official Symbol	BGLU6
NCBI Official Synonym Symbols	beta glucosidase 6; T13D8.16; T13D8_16
UniProt Protein Name	Putative beta-glucosidase 6
Protein Family	Beta-glucosidase
UniProt Gene Name	BGLU6
UniProt Synonym Gene Names	AtBGLU6
NCBI Protein Information	beta glucosidase 6
Research Articles on BGLU6	**1.** an accession-specific gene, BGLU6 that causes a qualitative difference in flavonol glycoside accumulation in A. thaliana strains, was identified.
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